

Patent claims

1. An endoprosthesis for replacing an ankle joint,
5 comprising a lower component (4) which is to be
connected to the ankle bone (2) and which forms a
top slide surface (10), an upper component (3)
which forms a bottom slide surface (7) and which
has an upper connection surface (23) for connection
10 to a resection surface (25) of the shin bone, and
an intermediate part which has two slide surfaces
(15, 16) interacting with the slide surfaces (7,
10) of the upper and lower components (3, 4), char-
acterized in that the upper component (3) is wedge-
15 shaped in sagittal section between its bottom slide
surface (7) and its top connection surface (23)
and/or the intermediate part (5) is wedge-shaped in
sagittal section or frontal section between its
slide surfaces (15, 16).
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2. The endoprosthesis as claimed in claim 1, charac-
terized in that the interacting slide surfaces (10,
16) on the lower component (4) and the intermediate
part (5) interact substantially nonrotatably with
25 respect to the vertical axis.
3. The endoprosthesis as claimed in claim 1, charac-
terized in that the interacting slide surfaces (7,
15) on the upper component (4) and the intermediate
30 part (5) interact rotatably with respect to the
vertical axis.
4. The endoprosthesis as claimed in one of claims 1
through 3, characterized in that the wedge angle
35 (19, 22) is between 1° and 16°.
5. The endoprosthesis as claimed in one of claims 1
through 4, characterized in that the wedge-shaped

component (3) is made up of a wedge part (26), available with a varying wedge angle, and of a standard part (25).

- 5 6. A system of endoprotheses for replacing the ankle joint, comprising a lower component (4) which is to be connected to the ankle bone (2) and which forms a top slide surface (10), an upper component (3) which forms a bottom slide surface (7) and which
10 has a connection surface (23) for connection to a resection surface (25) of the shin bone (1), and an intermediate part (5) which has two slide surfaces (15, 16) interacting with the slide surfaces (7, 10) of the upper and lower components (3, 4), the
15 system including normal upper components and intermediate parts whose top face and bottom face have a substantially parallel overall course, characterized in that it includes corrective components which can be used in exchange for the normal upper
20 components (3) and which are wedge-shaped in the sagittal plane and/or frontal plane between their top and bottom faces (7, 23) and/or corrective intermediate parts which can be used in exchange for the normal intermediate parts (5) and which, be-
25 tween their top face (15) and the overall course of the bottom face (16), are wedge-shaped in the sagittal plane compared to the normal intermediate parts (5).